Certificate of Analysis

EPA Method 200.7

Mixed Calibration Standard 2

Catalog Number: ICM-232

Lot Number: 0006512177

Lot Issue Date: 01/08/2020

Expiration Date: 02/28/2023

This Reference Material (RM) was manufactured and verified in accordance with Agilent's ISO 9001 registered quality system. The analyte concentration(s) were prepared and verified by an ISO 17034 / ISO 17025 accredited laboratory, and compared to calibration standards independently prepared using NIST SRM(s). The certified value and uncertainty value at the 95% confidence level for each analyte is determined gravimetrically.

Analyte	True Value				Analytical Method	NIST SRM
lithium	50.1	±	0.3	µg/mL	ICP / ICP-OES	3129a
molybdenum	100.1	±	0.5	µg/mL	ICP / ICP-OES	3134
potassium	200.0	±	1.0	µg/mL	ICP / ICP-OES	3141a
sodium	100.1	±	0.5	µg/mL	ICP / ICP-OES	3152a
strontium	10.0	±	0.1	µg/mL	ICP / ICP-OES	3153a

Matrix: 2% nitric acid in low TOC water (< 50 ppb)

Agilent uses purified acids, 18 megaohm double deionized water, calibrated Class A glassware, and meticulously cleaned bottles in the manufacturing of these standards. Balances used in the manufacturing of this standard are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001.

Monica Bourgeois
QMS Representative

ISO 17025 Cert No.
AT-1937

Produced in accordance with TUV USA Inc 56 100 18560026
registered ISO 9001 Quality Management System